

ABSTRACT

A demodulator having an improved reliability of the decoding of a TMCC signal is used for digital broadcasting receivers for receiving 5 digital broadcasting by layered transmission system. A pseudo-pattern generator (8) generates fixed pseudo-data which involves no error with respect to a main signal after a TMCC signal and maintains the convolution relationship, and inserts the pseudo-data between the TMCC signal and the main signal through a 10 selector (6B) and a selector (6), thereby conducting Viterbi decoding.

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